```
            RAW SEQUENCE LISTING           DATE: 09/27/2000
            PATENT APPLICATION:  US/09/661,453    TIME: 15:26:38

            Input Set : A:\Pto.amc
            Output Set: N:\CRF3\09272000\I661453.raw

        2 <110> APPLICANT: Ruben et al.
        4 <120> TITLE OF INVENTION: 27 Human secreted proteins
        6 <130> FILE REFERENCE: PZ038P1
C-->    8 <140> CURRENT APPLICATION NUMBER: US/09/661,453
        9 <141> CURRENT FILING DATE: 2000-09-13
       11 <150> PRIOR APPLICATION NUMBER: PCT/US00/06783
       12 <151> PRIOR FILING DATE: 2000-03-16
       14 <150> PRIOR APPLICATION NUMBER: 60/125,055
       15 <151> PRIOR FILING DATE: 1999-03-18
       17 <160> NUMBER OF SEQ ID NOS: 156
       19 <170> SOFTWARE: PatentIn Ver. 2.0
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       23 <211> LENGTH: 733
       24 <212> TYPE: DNA
       25 <213> ORGANISM: Homo sapiens
       27 <400> SEQUENCE: 1
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       29 aattcgaggg tgcaccgtca gtcttcctct tcccccaaa acccaaggac accctcatga      120
       30 tctcccggac tcctgaggtc acatgcgtgg tggtggacgt aagccacgaa gaccctgagg      180
       31 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg      240
       32 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact      300
       33 ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctccca acccccatcg      360
       34 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc      420
       35 catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct      480
       36 atcccagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga      540
       37 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg      600
       38 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc      660
       39 acaaccacta cacgcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc      720
       40 gactctagag gat                                                         733
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       44 <211> LENGTH: 5
       45 <212> TYPE: PRT
       46 <213> ORGANISM: Homo sapiens
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       49 <221> NAME/KEY: Site
       50 <222> LOCATION: (3)
       51 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally ocurring L-amino acids
       53 <400> SEQUENCE: 2
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       55   1               5
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       58 <211> LENGTH: 86
       59 <212> TYPE: DNA
       60 <213> ORGANISM: Homo sapiens
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       64 cccgaaatat ctgccatctc aattag                                          86
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Input Set : A:\Pto.amc
Output Set: N:\CRF3\09272000\I661453.raw

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 79 <213> ORGANISM: Homo sapiens
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 83 aaatatctgc catctcaatt agtcagcaac catagtcccg cccctaactc cgcccatccc  120
 84 gcccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa ttttttttat  180
 85 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt  240
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123 ccatctcaat tag                                                      73
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127 <211> LENGTH: 256
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133 caattagtca gcaaccatag tcccgcccct aactccgccc atcccgcccc taactccgcc  120
134 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga  180
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RAW SEQUENCE LISTING   DATE: 09/27/2000
PATENT APPLICATION: US/09/661,453   TIME: 15:26:38

Input Set : A:\Pto.amc
Output Set: N:\CRF3\09272000\I661453.raw

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147 <223> OTHER INFORMATION: n equals a,t,g, or c
149 <220> FEATURE:
150 <221> NAME/KEY: SITE
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155 <221> NAME/KEY: SITE
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    176 gtcgacccac gcgtccggca tggccctccc agccctgggc ctggacccct ggagcctcct   120
    177 gggcctttttc ctcttccaac tgcttcagct gctgctgccg acgacgaccg cgggggggagg  180
    178 cgggcagggg cccatgccca gggtcagata ctatgcaggg gatgaacgta gggcacttag   240
    179 cttcttccac cagaagggcc tccaggattt tgacactctg ctcctgagtg gtgatggaaa   300
    180 tactctctac gtgggggctc gagaagccat tctggccttg gatatccagg atccaggggt   360
    181 ccccaggcta aagaacatga taccgtggcc agccagtgac agaaaaaaga gtgaatgtgc   420
    182 ctttaagaag aagagcaatg agacacagtg tttcaacttc atccgtgtcc tggtttctta   480
    183 caatgtcacc catctctaca cctgcggcac cttcgccttc agccctgctt gtaccttcat   540
    184 tgaacttcaa gattcctacc tgttgcccat ctcggaggac aaggtcatgg agggaaaagg   600
    185 ccaaagcccc tttgacccccg ctcacaagca tacggctgtc ttggtggatg ggatgctcta   660
    186 ttctggtact atgaacaact tcctgggcag tgagcccatc ctgatgcgca cactgggatc   720
    187 ccagcctgtc ctcaagaccg acaacttcct ccgctggctg catcatgacg cctcctttgt   780
    188 ggcagccatc ccttcgaccc aggtcgtcta cttcttcttc gaggagacag ccagcgagtt   840
    189 tgacttcttt gagaggctcc acacatcgcg ggtggctaga gtctgcaaga atgacgtggg   900
    190 cggcgaaaag ctgctgcaga agaagtggac caccttcctg aaggcccagc tgtctctgcac  960
    191 ccagccgggg cagctgccct tcaacgtcat ccgccacgcg gtcctgctcc ccgccgattc  1020
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    193 gagctctgcg gtttgtgcct tctctctctt ggacattgaa cgtgtctttta aggggaaata    1140
    194 caaagagttg aacaaagaaa cttcacgctg gactacttat aggggccctg agaccaaccc    1200
    195 ccggscaggc agttgctyar tgggcccty ctctgataag gccctgacct tcatgaagga      1260
    196 ccatttcctg atggatgagc aagtggtggg gacgccctg ctggtgaaat ctggcgtgga      1320
    197 gtatacacgg cttgcagtgg agacagccca gggccttgat gggcacagcc atcttgtcat    1380
    198 gtacctggga accaccacag ggtcgctcca caaggctgtg gtaagtgggg acagcagtgc    1440
    199 tcatctggtg gaagagattc agctgytccc tgaccctgaa cctgttcgca acctgcagct    1500
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    207 gcaggatgga gttggggggtc tctaccagtg ctgggcaact gagaatggct tttcataccc    1980
    208 tgtgatctcc tactgggtgg acagccagga ccagaccctg gccctggatc ctgaactggc    2040
    209 aggcatcccc cgggagcatg tgaaggtccc gttgaccagg gtcagtggtg gggccgccct    2100
    210 ggctgcccag cagtcctact ggccccactt tgtcactgtc actgtcctct ttgccttagt    2160
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    212 caaggttcag ggctgtgaga ccctgcgccc tggggagaag gccccgttaa gcagagagca    2280
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    215 ctggccatgc tggctgggcg gcccaagcac agccctgact aggatgacag cagcacaaaa    2460
    216 gaccacctt ctcccctgag aggagcttct gctactctgc atcactgatg acactcagca    2520
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    220 ctaaaaaacc tgcctgtccc aggaccctat ggtaatgaac accaaacatc taaacaatca    2760
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    222 tcccttctcc cagggtcatg cagggatctg ctccctcctg cttcccttac cagtcgtgca    2880
    223 ccgctgactc ccaggaagtc ttycctgaag tctgaccacc tttcttcttg cttcagttgg    2940
    224 ggcagactct gatcccttct gccctggcag aatggcaggg gtaatctgag ccttcttcac    3000
    225 tccttaccc tagctgaccc cttcacctct cccctccct tttcctttgt tttgggattc       3060
    226 agaaaactgc ttgtcagaga ctgtttattt tttattaaaa atataaggct taaaaaaaaa    3120
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    239 cctcgtgcgg ccaagacgtg gatgttcctg ctcttgctgg ggggagcctg ggcagcgtgt     180
    240 ggaagcctgg acctcctcac taagttgtat gcggagaact tgccgtgtgt ccatttgaac     240
    241 ccacagtggc cttcccagcc ctcgcactgc cccagagggt ggcgatccaa ccctctccct     300
    242 cctgctgcag gacactccag ggcacaggag gacaaggtgc tggggggtca tgagtgccaa     360
    243 ccccattcgc agccttggca ggcggccttg ttccagggcc agcaactact ctgtggcggt     420
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248 ctggcagatc attgcaccca gcctggccag aagtgcaccg tctcaggctg gggcactgtc    720
249 accagtcccc gagagaattt tcctgacact ctcaactgtg cagaagtaaa aatctttccc    780
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252 gcactccagg gcatcacatc ctggggctca gacccctgtg ggaggtccga caaacctggc    960
253 gtctatacca acatctgccg ctacctggac tggatcaaga agatcatagg cagcaagggc   1020
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281 ctcgtactta ctcaacaaaa gtgaagccaa aagatactat tttttggatt tgggtggctt    180
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291 aagaaaagga tggcaatggc acggagaaca atgttccaga aggggaagt gcataacaaa    780
292 ccatcaggtt tctggggaat gataaaaagt gttaccactt cagcatcagg aagtgaaaat    840
293 cttactctta ttcaacagga agtggatgct ttggaagaat taagcaggca gctttttctg    900
294 gaaacagctg atctatatgc taccaaggag agaatagaat actccaaaac cttcaagggg    960
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297 gagatcactg tgaattatct gggaatccaa tttgatgtga agttttggtc ccaacacatt   1140
298 tccttcattc ttgttggaat aatcatcgtc acatccatca gaggattgct gatcactctt   1200
299 accagttct tttatgccat ctctagcagt aagtcctcca atgtcattgt cctgctatta   1260
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<u>Please Note:</u>
**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.**

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PATENT APPLICATION: US/09/661,453   TIME: 15:26:39

Input Set : **A:\Pto.amc**
Output Set: **N:\CRF3\09272000\I661453.raw**

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L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
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L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
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L:541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
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L:849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:1069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
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Input Set : A:\Pto.amc
Output Set: N:\CRF3\09272000\I661453.raw

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